



OKITE®
24 HOURS CHEMICAL
RESISTANCE
DATA SHEET

OKITE



24 Hours Chemical Resistance Test

The test is conducted by applying five drops of each agent reagent on the surface, covered with a watchglass (except for those marked with **). Chemicals marked ** were tested with a saturated cotton ball covered by a bottle. The chemicals were exposed at room temperature for a period of 24 hours, rinsed off with water and evaluated.

Acids	No Effect	Excellent	Good	Fair	Failure
Hydrochloric Acid (10%)	X				
Hydrochloric Acid (37%)	X				
Sulfuric Acid (33%)	X				
Sulfuric Acid (98%)					X
Nitric Acid (30%)	X				
Nitric Acid (65%)	X				
Phosphoric Acid (85%)	X				
Acetic Acid (99%)	X				
Hydrofluoric Acid (48%)					X
Chromic Acid (60%) - (60% of 10% Stock)	X				

Bases	No Effect	Excellent	Good	Fair	Failure
Ammonium Hydroxide	X				
Sodium Hydroxide					X

Salt	No Effect	Excellent	Good	Fair	Failure
Silver Nitrate (1%)	X				
Potassium Permanganate (10%)				X	
Ferric (III) Chloride(10%)	X				
Copper Sulfate (10%)	X				
Sodium Hypochlorite (13%)	X				
Sodium Chloride (10%)	X				

Organic Chemicals	No Effect	Excellent	Good	Fair	Failure
Formaldehyde (37%)	X				
Furfural	X				

Solvents **	No Effect	Excellent	Good	Fair	Failure
Acetone	X				
Ethyl Alcohol	X				
Ethylene Glycol	X				
Methyl Ethyl Ketone (MEK)	X				
Dichloromethane	X				
Ethyl Acetate			X		

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Solvents **	No Effect	Excellent	Good	Fair	Failure
Acetic Anhydride	X				
n-Butyl Acetate	X				
n-Heane	X				
Methyl Alcohol	X				
Methyl Isobutyl Ketone (MIBK)	X				
Tetrahydrofuran		X			
Toluene	X				
Trichloroethylene	X				
Xylene	X				

Biological Stains (1% Solutions)	No Effect	Excellent	Good	Fair	Failure
Basic Fuchsin				X	
Carbol Fuchsin			X		
Malachite Green Oxalate				X	
Methylene Blue				X	
Wright Stain				X	
Gentian Violet (Dye)				X	

The tests were conducted professionally by an independent testing lab. All information are based on our current state of knowledge, and is not intended as any form of guarantee with regards to any specific product characteristic. Test result may differ per color.

Above test results, performed by an independent test laboratory, are provided for informational purposes only and are not meant to suggest suitability of OKITE for any specific use or application. Seieffe, or any affiliated third party, shall not be liable in either tort or contract for any loss or direct, indirect, consequential, punitive, special, exemplary or incidental damages arising out of the use or inability to use OKITE surfaces for any specific use or application.

Definitions:

- **No effect:** no detectable stain, loss of gloss or change in work surface material
- **Excellent:** Slight stain or loss of gloss, but no change to the function, smoothness or life of the work surface material
- **Good:** A clearly discernible stain or loss of gloss, but no no change to the function, smoothness or life of the work surface material
- **Fair:** unacceptable staining or discernible deterioration or etching of the work surface material.
- **Failure:** Severe stain or moderate deterioration, pitting, cratering or etching of work surface material.

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